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Date: 12/10/2021 3:21:59 PM
Subject: Arkema Sediment Coring Update - 12/4/2021 through 12/7/2021
Attachments: [Coring Status Maps_2021-12-08.pdf](#)

Hi Madi,

This email message provides a summary of the cores attempted and collected using vibracoring methods from December 4-7, 2021. A total of 13 core stations were successfully completed and an additional 2 core stations were attempted unsuccessfully (poor recovery). The attached Working Draft Coring Status Maps include general notes on each of these locations (please note that there are two maps, one for the upstream area and the other for the downstream area).

The completed stations are as follows (see attached Working Draft Coring Status Map for locations):

- SC-18 (12/7/2021). Drive depth: 6.7 ft bml (refusal). Recovery: 84%. The accepted core was attempt 4 located approximately 20 ft from target coordinates.
- SC-19 (12/7/2021). Drive depth: 12.1 ft bml (refusal). Recovery: 86%.
- SC-36 (12/7/2021). Drive depth: 11.8 ft bml (refusal). Recovery: 104%.
- SC-41 (12/7/2021). Drive depth: 12.6 ft bml (refusal). Recovery: 109%.
- SC-47 (12/6/2021). Drive depth: 10.0 ft bml (refusal). Recovery: 100%.
- SC-52 (12/6/2021). Drive depth: 9.1 ft bml (refusal). Recovery: 100%.
- SC-56 (12/6/2021). Drive depth: 11.9 ft bml (refusal). Recovery: 99%.
- SC-60 (12/6/2021). Drive depth: 10.8 ft bml (refusal). Recovery: 99%.
- SC-64 (12/6/2021). Drive depth: 11.8 ft bml (refusal). Recovery: 108%.
- SC-67 (12/5/2021). Drive depth: 8.8 ft bml (refusal). Recovery: 85%.
- SC-70 (12/5/2021). Drive depth: 15.9 ft bml (refusal). Recovery: 93%.
- SC-72 (12/4/2021). Drive depth: 17.8 ft bml. Recovery: 89%.
- SC-78 (12/5/2021). Drive depth: 14.6 ft bml. Recovery: 85%.

The stations attempted but not successfully completed from December 4-7, 2021 are as follows (both of these stations were also attempted unsuccessfully between 11/22 and 11/30):

- ☐ SC-84 (12/4/2021). Limited recovery (30%) on the third attempt.
- ☐ SC-93 (12/4/2021). Limited recovery (55%) on the third attempt.

Legacy Site Services has scheduled a barge-mounted sonic rig for December 20-23, 2021 to collect sediments where adequate core recovery has not been possible to date.

No health and safety incidents occurred during this fieldwork period.

The following Field Change Request forms have been submitted and approved by EPA FCR-07 (Use of Lexan core tubes for vibracoring), FCR-08 (SC-88 sediment sample collection methods), FCR-09 (PPE and COVID-19 requirements), FCR-10 (Core tube management), FCR-11 (Dry suit use for coring activities), and FCR-12 (Move SC-18 Core 20 ft from Target Location and Increase the Radius around Target Locations). There were no other substantive deviations from the PDI work plan.

Vibracoring activities will resume December 13-17, 2021.

Please let me or Mike know if you have any questions. Thanks!

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